

JSI Minisymposium: Accretion Astrophysics Friday, February 17, 2012 CSS 2400,
University of Maryland

Effects of accretion disks on spins and eccentricities of binaries, and
implications for gravitational waves.

John Baker

Space-based gravitational wave observations will allow exquisitely precise
measurements of massive black hole binary properties. Through several recently
suggested processes, these properties may depend on interactions with accretion
disks through the merger process. I will discuss ways that accretion may
influence those binary properties which may be probed by gravitational-wave
observations.